

Application No. 10/073,124
Reply dated February 3, 2010
Reply to Office Action of November 3, 2009

Listing of Claims:

1. (previously presented) An information processing apparatus located in a separate site from a sender and a remote site, said apparatus being connected to a local display device for displaying information to a user, said remote site containing a first set of digital data, said sender capable of sending a second set of digital data for processing by said apparatus, said apparatus comprising:
 - a receiver that receives said second set of digital data, said second set of digital data comprising
 - a first set of displayable data;
 - a second set of displayable data;
 - a first set of non-displayable data for indicating presence of said second set of displayable data; and
 - a first linkage reference associated with said second set of displayable data and said first set of digital data;
 - a timing device that causes said receiver to receive said second set of digital data at predetermined times;
 - means for displaying said first set of displayable data in a first way on said display device and said second set of displayable data in a second way on said display device, said second way indicating to said user that said second set of displayable data is selectable;
 - an input device that allows said user to select said second set of displayable data; and
 - means for extracting said first linkage reference to obtain an extracted first linkage reference for sending to said remote site if said second set of displayable data is selected.
2. (original) The apparatus of claim 1 wherein said second set of digital data comprises video data.

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3. (original) The apparatus of claim 1 wherein at least one of said first and said second sets of digital data is encrypted, and said apparatus further comprising means for decrypting said encrypted digital data.
4. (original) The apparatus of claim 1 wherein said second set of digital data further comprises at least one formatting code and a second set of non-displayable data for indicating a presence of said first linkage reference.
5. (original) The apparatus of claim 1 wherein said second set of digital data comprises electronic mail.
6. (previously presented) The apparatus of claim 1 wherein said sender sends said second set of digital data using radio frequency signals, and wherein said receiver further comprises a data interface for retrieving said second set of digital data from said radio frequency signals.
7. (original) The apparatus of claim 6 wherein said second set of digital data further comprises at least one formatting code and a second set of non-displayable data for indicating a presence of said first linkage reference.
8. (original) The apparatus of claim 6 wherein said radio frequency signals are television frequency signals.
9. (original) The apparatus of claim 6 wherein said second set of digital data comprises video data.
10. (original) The apparatus of claim 6 wherein said second set of digital data comprises electronic mail.
11. (original) The apparatus of claim 1 wherein said remote site contains a third set of digital data, and wherein said first set of digital data comprises a second linkage reference associated with said third set of digital data.
12. (original) The apparatus of claim 11 wherein said second set of digital data further comprises at least one formatting code and a second set of non-displayable data for indicating a presence of said first linkage reference.

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13. (original) The apparatus of claim 11 wherein said second set of digital data comprises video data.
14. (previously presented) The apparatus of claim 11 wherein said sender sends said second set of digital data using radio frequency signals, and wherein said receiver further comprises a data interface for retrieving said second set of digital data from said radio frequency signals.
15. (original) The apparatus of claim 14 wherein said radio frequency signals are television frequency signals.
16. (previously presented) An information processing apparatus located in a site separated from a sender and a remote site, said remote site containing a first set of digital data, said sender capable of sending a second set of digital data to apparatus, said apparatus comprising:
 - a receiver for receiving said second set of digital data, said second set of digital data comprising a first set of displayable data, a second set of displayable data, and a first linkage reference associated with said second set of displayable data and said first set of digital data;
 - a timing device for causing said receiver to receive said second set of digital data at predetermined times;
 - a display device for displaying said first set of displayable data in a first way and said second set of displayable data in a second way, said second way indicating to a user that said second set of displayable data is selectable;
 - an input device for allowing said user to select said second set of displayable data; and
 - a processing unit for extracting said first linkage reference to obtain an extracted first linkage reference for sending to said remote site if said second set of displayable set of displayable data is selected.
17. (previously presented) The apparatus of claim 16 wherein said second set of digital data further comprises video data.

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18. (previously presented) The apparatus of claim 16 wherein said second set of digital data further comprises a game.
19. (previously presented) The apparatus of claim 16 wherein said second set of digital data further comprises electronic mail.
20. (previously presented) The apparatus of claim 16 wherein said second set of digital data further comprises non-displayable data for indicating a presence of said first linkage reference.
21. (previously presented) The apparatus of claim 16 wherein said second set of digital data further comprises at least one formatting code.
22. (previously presented) The apparatus of claim 16 wherein said sender comprises a transmitter capable of transmitting said second set of digital data using wireless signals.
23. (previously presented) The apparatus of claim 22 wherein said wireless signals comprise television frequency signals.
24. (previously presented) The apparatus of claim 16 wherein said second way comprises underlining at least a portion of said second set of displayable data.
25. (previously presented) The apparatus of claim 16 wherein said second way comprises coloring at least a portion of said second set of displayable data differently than said first set of displayable data.
26. (previously presented) The apparatus of claim 16 wherein said remote site contains a third set of digital data, wherein said first set of digital data comprises a second linkage reference associated with said third set of digital data.
27. (previously presented) The apparatus of claim 26 wherein said second set of digital data further comprises video data.
28. (previously presented) The apparatus of claim 26 wherein said second set of digital data further comprises a game.
29. (previously presented) The apparatus of claim 26 wherein said second set of digital data further comprises electronic mail.

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30. (previously presented) The apparatus of claim 26 wherein said second set of digital data further comprises non-displayable data for indicating a presence of said first linkage reference.
31. (previously presented) The apparatus of claim 26 wherein said sender sends said second set of digital data using wireless signals.
32. (previously presented) The apparatus of claim 31 wherein said wireless signals comprise television frequency signals.
33. (previously presented) The apparatus of claim 26 wherein said second way comprises underlining at least a portion of said second set of displayable data.
34. (previously presented) The apparatus of claim 26 wherein said second way comprises coloring at least a portion of said second set of displayable data differently than said first set of displayable data.
35. (previously presented) The apparatus of claim 16 wherein said second set of digital data further comprises a first non-displayable data for indicating a presence of said second set of displayable data.
36. (previously presented) The apparatus of claim 35 wherein said second set of digital data further comprises video data.
37. (previously presented) The apparatus of claim 35 wherein said second set of digital data further comprises a game.
38. (previously presented) The apparatus of claim 35 wherein said second set of digital data further comprises electronic mail.
39. (previously presented) The apparatus of claim 35 wherein said second set of digital data further comprises a second non-displayable data for indicating a presence of said first linkage reference.
40. (previously presented) The apparatus of claim 35 wherein said sender sends said second set of digital data using wireless signals.
41. (previously presented) The apparatus of claim 40 wherein said wireless signals comprise television frequency signals.

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42. (previously presented) The apparatus of claim 35 wherein said second way comprises underlining at least a portion of said second set of displayable data.
43. (previously presented) The apparatus of claim 35 wherein said second way comprises coloring at least a portion of said second set of displayable data differently than said first set of displayable data.
44. (previously presented) The apparatus of claim 35 wherein said remote site contains a third set of digital data, wherein said first set of digital data comprises a second linkage reference associated with said third set of digital data.
45. (previously presented) A system for accessing a first set of digital data at a remote site, said system comprising:
 - a wireless receiver for receiving one or more alert signals and one or more wireless signals associated with said one or more alert signals and for retrieving a second set of digital data from said one or more wireless signals, said second set of digital data comprising at least one linkage reference associated with said first set of digital data; and
 - a modulator-demodulator for sending at least a portion of said at least one linkage reference to said remote site and receiving at least a portion of said first set of digital data from said remote site.
46. (previously presented) The system of claim 45 wherein at least a portion of at least one of said first and said second sets of digital data is encrypted.
47. (previously presented) The system of claim 45 wherein said modulator-demodulator is connected to said remote site by a wired connection.
48. (previously presented) The system of claim 47 wherein at least a portion of said wired connection comprises cable.
49. (previously presented) The system of claim 47 wherein at least a portion of said wired connection comprises optic fiber.
50. (previously presented) The system of claim 45 wherein said modulator-demodulator is connected to said remote site by a wireless connection.

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51. (previously presented) The system of claim 45 wherein at least one of said first and said second sets of digital data comprises at least one of a computer game, a video, a graphic image, an electronic mail, and a movie.
52. (previously presented) The system of claim 45 wherein said first set of digital data comprises at least another linkage reference that can be used to retrieve a third set of digital data.
53. (previously presented) The system of claim 52 wherein at least a portion of at least one of said first and said second sets of digital data is encrypted.
54. (previously presented) The system of claim 52 wherein said modulator-demodulator is connected to said remote site by a wired connection.
55. (previously presented) The system of claim 54 wherein at least a portion of said wired connection comprises cable.
56. (previously presented) The system of claim 54 wherein at least a portion of said wired connection comprises optic fiber.
57. (previously presented) The system of claim 52 wherein said modulator-demodulator is connected to said remote site by a wireless connection.
58. (previously presented) The system of claim 52 wherein at least one of said first and said second sets of digital data comprises at least one of a computer game, a video, a graphic image, an electronic mail and a movie.
59. (previously presented) A system for accessing a first set of digital data at a remote site, said system comprising:
 - a wireless receiver for receiving one or more alert signals and one or more wireless signals associated with said one or more alert signals and for retrieving a second set of digital data from said one or more wireless signals, said second set of digital data comprising at least one linkage reference associated with said first set of digital data; and

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a wired connection for sending at least a portion of said at least one linkage reference to said remote site and receiving at least a portion of said first set of digital data from said remote site.

60. (previously presented) The system of claim 59 wherein at least a portion of at least one of said first and said second sets of digital data is encrypted.
61. (previously presented) The system of claim 59 wherein at least a portion of said wired connection comprises cable.
62. (previously presented) The system of claim 59 wherein at least a portion of said wired connection comprises optic fiber.
63. (previously presented) The system of claim 59 wherein at least one of said first and said second sets of digital data comprises at least one of a computer game, a video, a graphic image, an electronic mail, and a movie.
64. (previously presented) The system of claim 59 wherein said first set of digital data comprises at least another linkage reference that can be used to retrieve a third set of digital data.
65. (previously presented) The system of claim 64 wherein at least a portion of at least one of said first and said second sets of digital data is encrypted.
66. (previously presented) The system of claim 64 wherein at least a portion of said wired connection comprises cable.
67. (previously presented) The system of claim 64 wherein at least a portion of said wired connection comprises optic fiber.
68. (previously presented) The system of claim 64 wherein at least one of said first and said second sets of digital data comprises at least one of a computer game, a video, a graphic image, an electronic mail, and a movie.
69. (previously presented) A method for accessing a first set of digital data at a remote site, said method comprising:
 - receiving one or more alert signals;

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receiving one or more wireless signals associated with said one or more alert signals;

retrieving a second set of digital data from said one or more wireless signals, said second set of digital data comprising at least one linkage reference associated with said first set of digital data; and

using a modulator-demodulator to send at least a portion of said at least one linkage reference to said remote site and receive at least a portion of said first set of digital data from said remote site.

70. (previously presented) The method of claim 69 wherein at least a portion of at least one of said first and said second sets of digital data is encrypted.
71. (previously presented) The method of claim 69 wherein said modulator-demodulator is connected to said remote site by a wired connection.
72. (previously presented) The method of claim 71 wherein at least a portion of said wired connection comprises cable.
73. (previously presented) The method of claim 71 wherein at least a portion of said wired connection comprises optic fiber.
74. (previously presented) The method of claim 69 wherein said modulator-demodulator is connected to said remote site by a wireless connection.
75. (previously presented) The method of claim 69 wherein at least one of said first and said second sets of digital data comprises at least one of a computer game, a video, a graphic image, an electronic mail, and a movie.
76. (previously presented) The method of claim 69 wherein said first set of digital data comprises at least another linkage reference that can be used to retrieve a third set of digital data.
77. (previously presented) The method of claim 76 wherein at least a portion of at least one of said first and said second sets of digital data is encrypted.
78. (previously presented) The method of claim 76 wherein said modulator-demodulator is connected to said remote site by a wired connection.

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79. (previously presented) The method of claim 78 wherein at least a portion of said wired connection comprises cable.
80. (previously presented) The method of claim 78 wherein at least a portion of said wired connection comprises optic fiber.
81. (previously presented) The method of claim 76 wherein said modulator-demodulator is connected to said remote site by a wireless connection.
82. (previously presented) The method of claim 76 wherein at least one of said first and said second sets of digital data comprises at least one of a computer game, a video, a graphic image, an electronic mail, and a movie.
83. (previously presented) A method for accessing a first set of digital data at a remote site, said method comprising:
- receiving one or more alert signals;
 - receiving one or more wireless signals associated with said one or more alert signals;
 - retrieving a second set of digital data from said one or more wireless signals, said second set of digital data comprising at least one linkage reference associated with said first set of digital data; and
 - using a wired connection to send at least a portion of said at least one linkage reference to said remote site and receive at least a portion of said first set of digital data from said remote site.
84. (previously presented) The method of claim 83 wherein at least a portion of at least one of said first and said second sets of digital data is encrypted.
85. (previously presented) The method of claim 83 wherein at least a portion of said wired connection comprises cable.
86. (previously presented) The method of claim 83 wherein at least a portion of said wired connection comprises optic fiber.

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87. (previously presented) The method of claim 83 wherein at least one of said first and said second sets of digital data comprises at least one of a computer game, a video, a graphic image, an electronic mail, and a movie.
88. (previously presented) The method of claim 83 wherein said first set of digital data comprises at least another linkage reference that can be used to retrieve a third set of digital data.
89. (previously presented) The method of claim 88 wherein at least a portion of at least one of said first and said second sets of digital data is encrypted.
90. (previously presented) The method of claim 88 wherein at least a portion of said wired connection comprises cable.
91. (previously presented) The method of claim 88 wherein at least a portion of said wired connection comprises optic fiber.
92. (previously presented) The method of claim 88 wherein at least one of said first and said second sets of digital data comprises at least one of a computer game, a video, a graphic image, an electronic mail, and a movie.